



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
May 26, 2011



Overview



Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
 - Crisp Rd.
 - Parcel C
 - Parcel E 500-Series
 - Parcel D-1
- Gun Mole Pier Stabilization Update



2011 Radiological Projects



LEGEND

NAVY PROPERTY BOUNDARY (OFFSHORE)

PROJECT AREAS

- IMPACTED BUILDINGS OR SITES CONTROLLED BY TTEC
- IMPACTED SITES THAT HAVE OBTAINED REGULATORY RELEASE
- ERRC IR-07/18 CAP
- EMS BIN STORAGE
- MACTEC (ERS/JV) PIER REMOVAL
- SHAW D1
- SHAW PCB
- TTEC CRISP ROAD
- TTEC RSY'S
- TTEC PARCEL C
- TTEC PARCEL E 500 SERIES
- RSY PADS





Crisp Rd/Parcel E SS/SD Removals & Building Surveys



- Crisp Rd complete! Site restoration signed off!
- Bldg 810 – CDPH performed Confirmation Survey on April 14
- Bldg 414 – Final FSS submitted. Confirmation Survey June 9
- Site 701 – Draft FSS submitted for Regulatory review May 6
- Site 704 – Draft FSS submitted for Regulatory review May 25
- Bldg 707 Triangle – Characterization and remediation of surface and trench contamination on-going
- IR-04 Scrap Yard – Trench backfill required



Parcel C Storm Drain & Sewer Removals



- SS/SD line removal commenced in Parcel C on January 4th
 - Excavated soil and pipe removal through May 13, 2011:
 - 11,895 linear feet of SS/SD lines removed
 - 20,805 cubic yards excavated
 - 2 Survey Units have been backfilled
 - 4 Survey Units currently being surveyed and sampled
 - 7 Survey Units awaiting offsite data prior to backfilling





Parcel C Building Surveys



- Bldg 203- Complete removal of sewer lines, drafting TSP
- Bldgs 214, 241, 272- Surveys complete, data under internal review
- Bldg 271- Sewer removal underway
- North Pier- Delayed due to Pier Demo work



Parcel C Asphalt & Concrete Recycling



- Commenced asphalt and concrete recycling on May 5; 10,600 tons of asphalt recycled through May 18



Hunters Point Shipyard, BCT, May 26, 2011



Parcel C & Interior E Buildings/Sites Status

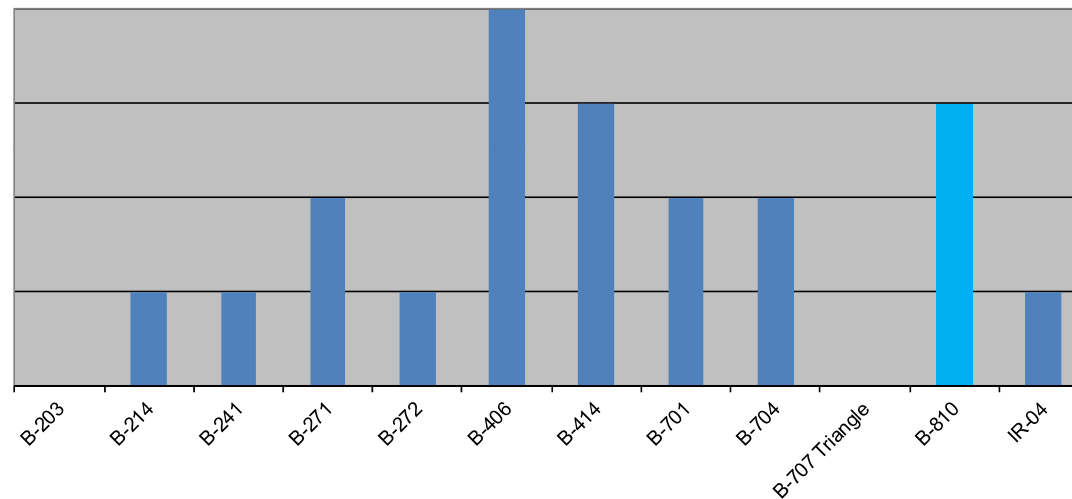


Free-Released

Final

Draft

Internal Draft
(Data under review)



Waiting for concurrence of
Free-Release determination





Parcel E 500 Series



- Field Work
 - Site preparation activities continue
 - Continue asbestos abatement, fire-brick, and furnace removal activities in Building 521
 - Completed asbestos abatement in Building 500



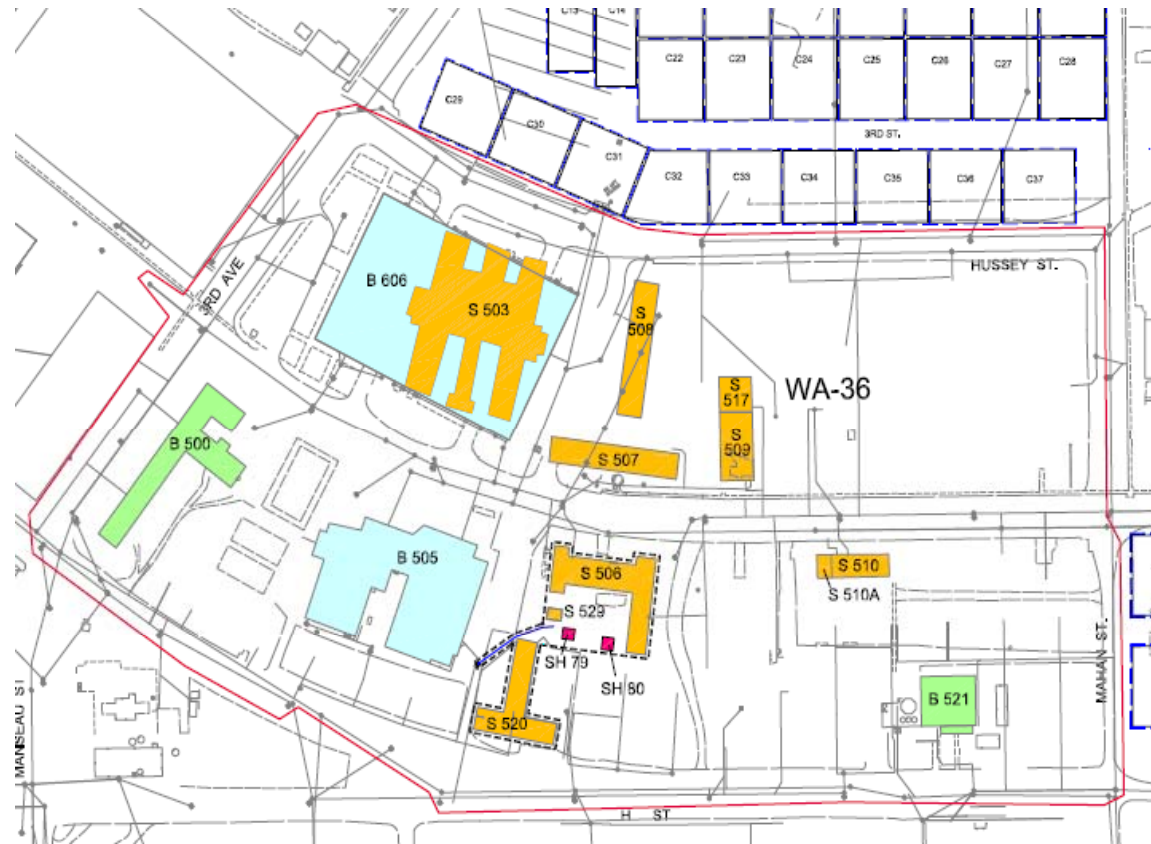
- Working with RASO on Draft TSPs for Former Building 503, 507, 509, and 517 Sites



Impacted Building and Sites Within Parcel E 500 Series Area



- LEGEND**
- WORK AREA BOUNDARY (WA-36)
 - - - - - RADIOACTIVE MATERIAL AREA
 - STORM DRAIN ONE
 - NON-IMPACTED BUILDINGS
 - IMPACTED BUILDINGS
 - IMPACTED BUILDING SITES
 - IMPACTED SHACK SITES
 - POST 2, 3 AND 4 SCREENING PADS





Status of Parcels B & G



- All Parcel B Building Surveys Complete
 - Building 140 Discharge Channel – CDPH performed Confirmation Survey on April 13, 2011
 - Building 140 Tech Memo submitted for Regulatory review May 23
- Draft Parcel B RACR will be issued shortly after B140 Tech Memo is finalized
- Preparing response to regulatory comments on Draft Parcel G RACR



IR07/18 Modeling Update



- The Draft Radiological Risk and Dose Modeling for Sites IR-7 and IR-18 is under Agency review
- The Navy has scheduled a meeting on June 8, 2011 in Sacramento with DTSC/CDPH to discuss



Parcel D-1 Current Field Work Status



- Gun Mole Pier
 - Remediated 3 survey Units with Cs-137 , awaiting results of post remediation samples
- South Pier
 - Remediated 2 survey Units with Cs-137 , awaiting results of post remediation samples
- Building 274
 - No detections above investigation Levels
 - Developing internal draft FSS Report



Parcel D-1 Current Field Work Status



- Building 383 Area
 - Completed building slab foundation and asphalt removal
 - Class 1 samples no elevated results; Class 2 awaiting analytical results
- Building 313,313A & 322 sites
 - Elevated levels of Cesium 137 and Radium 226
 - Remediation of an estimated 175 cu yds of soil
 - Post remediation samples had no detections
 - Systematic samples have been taken and are awaiting the lab results
- Storm Drain and Sanitary Sewer Removal
 - 85% complete (10,300 lineal ft)
 - 15 % remaining primarily in the RSY 2 footprint (1,800 lin. ft)
 - Awaiting final status survey offsite lab data to start trench backfill



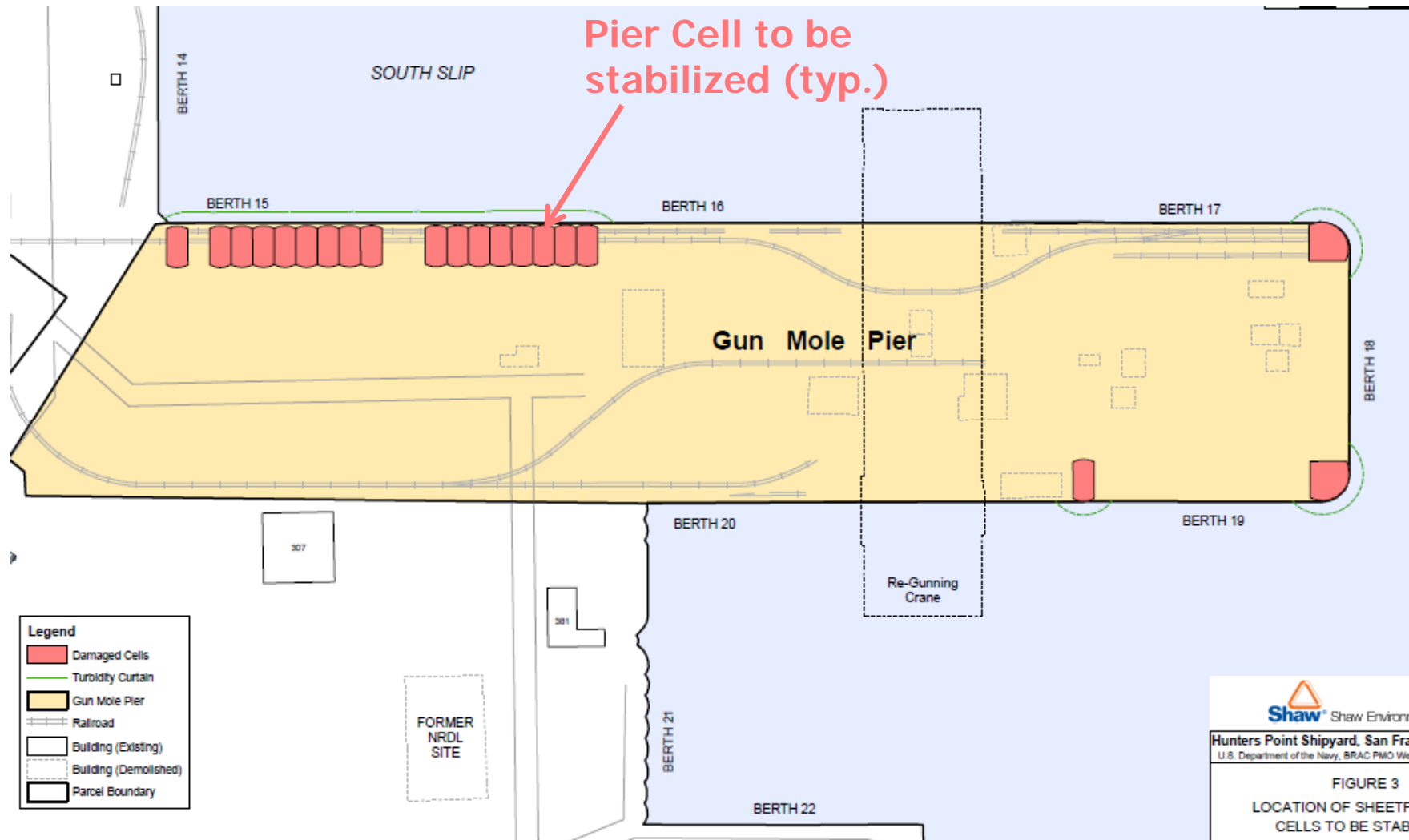
Parcel D-1 Upcoming Field Work



- Continue RAD surveys under the RSY 2 footprint
- Continue to remove remaining SS/SD lines in RSY 2 footprint
- Continue Develop and submit Survey Unit Project Reports (SUPRs)
- Begin backfilling trenches
- Install storm water swale on Manseau St
- Mobilize and perform asphalt grinding and site restoration



Pier Stabilization





Pier Stabilization



- Stabilization work will be de-obligated from contract
- Scope to be revised to possibly include:
 - Radiological survey of Railroad ties (creosote)
 - T&D of Railroad ties
 - Additional SS/SD removal in D-1
 - NRDL Building Site Survey



Comments, Questions, Concerns ???